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D119-796-151
Job Sheet 171233



Part No: D119-796-151

Job Qty: 1 ea

Part Name: Fwd Crosstube Installation With Step (No Hardware)



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/30/18

Job Tracking No:

Due Date: 2/15/18

Created By: Michelle Gagnon-Donovan

Type: Stock

Description:

Note: DWG D119-796-151 REV E, IIN-D119-796 REV F IPP REV:A 14.09.09 NEW ISSUE DD VERF:JLM IPP REV:B 14.11.19 AS PER REV.C DD VERF:JLM IPP REV:C 14.12.09 AS PER REV.PC6 DD VERF:JLM IPP REV :D 15-02-11 AS PER REV D JLM VERIFIED BY:DD IPP REV:E 17.12.11 REMOVE PICK KIT DD VERF:DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard	Workcenter/Supplier		Sign-off
					Setup Run hrs Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		2/14/18	0.00 0.00	Start Up Crosstubes-1		AS MAR 2 1 2018
130	Crosstubes	1 pcs		2/15/18	0.00 0.49	Crosstubes-1		AS MAR 2 1 2018
140	QC	1 pcs		2/15/18	0.00 0.00	QC5		3-88
145	DC	1 pcs		2/15/18	0.00 0.00	DC		3-88
150	Packaging	1 pcs		2/15/18	0.00 0.00	Packaging3-1	L6050	AS MAR 2 1 2018
160	QC21-FG	1 Ea		2/15/18	0.00 0.00	QC21		21 MAR 2 1 2018

Part Op 130 - 1- Install step and clamp with the proper position per dwg D119-796-151 ***Torque all clamps to 50 IN-LBS max.***
Descriptions: 140 - ***RE-CHECK TORCQUE ON CLAMP AS PER DWG.***
145 - Photocopy bluefile and create labels as per PPP D119-796-151 chg 004
150 - Identify and pack for shipping as per PPP D119-796-151

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D119-796-141	Fwd Crosstube Installation Without Step (No Hardware)	1 Ea (1 ea)	90-Start up Operation	
D5123-3	Clamp Cushion	4 Ea (4 ea)	90-Start up Operation	
D5149-041	Fwd Step Base Assembly	2 Ea (2 ea)	90-Start up Operation	
MS21920-22	Clamp	4 Ea (4 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	D119-796-141 5022063	①	5	0
	D5123-3 5006028	④	338	0
	D5149-041 5046195	②	0	0
	MS21920-22 5013763	⑤ → 1 scrap	57	0

Part Specifications

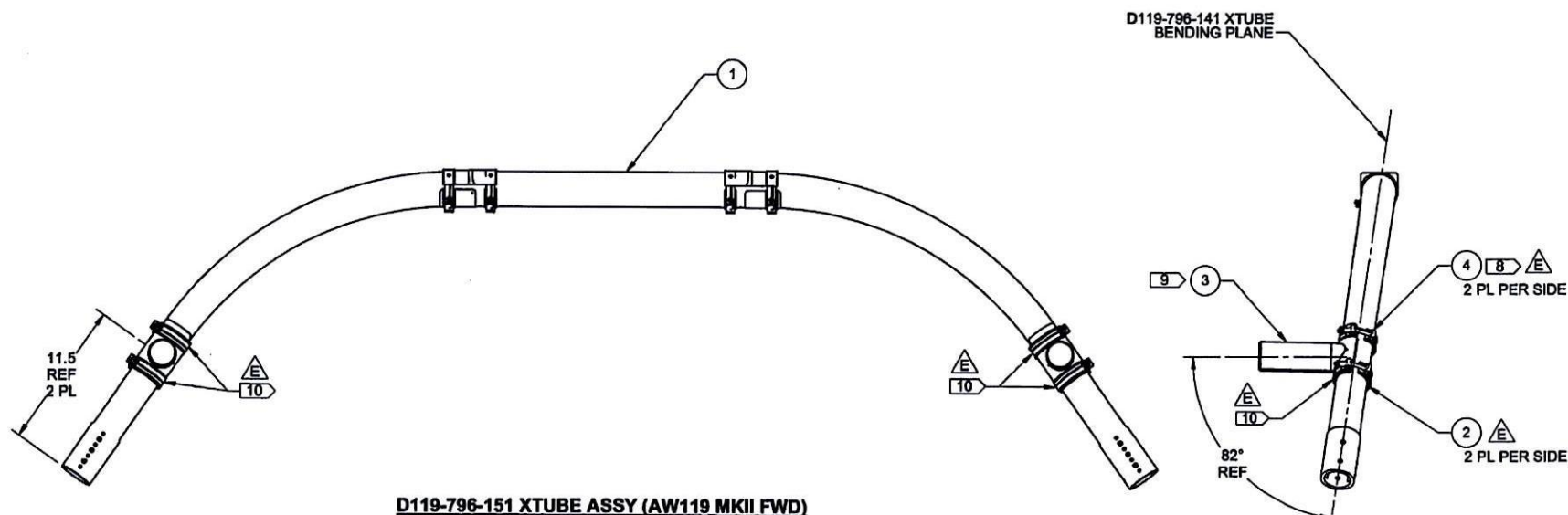
Specifications could not be found.

Plex 2/7/18 8:11 AM Dart.Gagnon.Michelle

5053349

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SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 171233
FEB 07 2018

ITEM	QTY	P/N	DESCRIPTION
	X	D119-796-151	XTUBE ASSY (AW119 MKII FWD)
1	1	D119-796-141	XTUBE ASSY (AW119 MKII FWD)
2	4	D5123-3	CUSHION
3	2	D5149-041	FWD STEP ASSEMBLY
4	4	MS21920-22	CLAMP



D119-796-151 XTUBE ASSY (AW119 MKII FWD)

NOTES:

- 1) MATERIAL: N/A
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044 METHOD 6.5
 - 7) WEIGHT: 20.01 lbs
 - 8) TORQUE MS21920-22 CLAMPS TO 50 IN-LBS MAX
 - 9) LOCATE STEP USING POST FITTING ON CROSSTUBE
 - 10) POSITION MS21920 CLAMPS SECURING THE STEPS AS SHOWN.
- THE THREADED PORTION OF THE CLAMP MUST FACE THE SAME DIRECTION AS THE STEP

E	MODIFY CLAMP ORIENTATION, ADD NOTE 10 (PAR16-527) UPDATE WEIGHT DUE TO -141 CHANGE	ML	17.02.10
D	D5123-3 CLAMP CUSHION WAS D5123-9 CLAMP CUSHION, MS21920-22 WAS -24.	AP	15.01.19
C	RE-DESIGN STEP INSTALLATION	DB	14.11.24
B	D5149-043 WAS D5149-041, AN4C8A WAS AN4C10A, D2274 WAS D5153-1	AP	14.11.04
A	NEW ISSUE	AP	14.09.03
REV.	DESCRIPTION	BY	DATE
DESIGN	AP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	ML		
CHECKED	AJS	DRAWING NO.	REV. E
MFG. APPR.	DP	D119-796-151	SHEET 1 OF 1
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	XTUBE ASSY (AW119 MKII FWD)	NTS
DATE	17.02.10	COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

RELEASED
2017-05-04
EGW 17-538

APPROVED

Change Record

PAGE 1 OF 1

Part Number: D119-796-151

Description: CROSSTUBE INSTALLATION, FWD STD, WITH PEG STEPS

[illegible]

Work Order: _____		DISPOSITION		AGAINST DEPARTMENT/PROCESS							
Part No. _____ NCR No. _____		Rework ☐		Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐				
		Scrap ☐		Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐				
		Use-as-is ☐		Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐				
		Suspected Unapproved ☐		Large Fab ☐	Composite ☐	Supplier ☐					
Date : _____		Step #: _____			QTY Effective : _____			MRB (QSI042) Approval			
Description Work Order Deviation					Disposition					Completed By	
										Lead hand / Supervisor Approval Verification	
										QC / QA Coordinator Approval	
Root Cause					FAULT CATEGORY						
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong						
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions						
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance						
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect						
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing						
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved						
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing						
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish						
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread						
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence						
Past Expiry Date ☐	☐ Manufacturing Process	OTHER : _____									
Misidentified ☐	☐ Past Due										